CONTENTS OF VOLUME 17

ARTICLES

ABRAMCZYK, R. R. and BOUSFIELD, W. A. Sequential Ordering in Repeated Free Recall as a Function of Interitem Associative Strength....183

ACKER, MARY and McREYNOLDS, P. The "Need for Novelty": A Comparison of Six Instruments....177

ATKINSON, KIM W. see PILLARD, R. C....35

BARBERIO, R. The Relationship Between Achievement Motivation and Ethnicity in Anglo-American and Mexican-American Junior High School Students....263

BARLOW, J. A. Note: Student Cheating in Studying Programed Material....515

BAUMEISTER, A. A., DUGAS, JEANNE and ERDBERG, P. Effects of Warning Signal Intensity, Reaction Signal Intensity, Preparatory Interval and Temporal Uncertainty on Reaction Times of Mental Defectives....503

BELL, R. A. see BEVAN, W....23

BEVAN, W., BELL, R. A. and LANKFORD, H. G. The Residual Effect of Shock upon Bar Pressing for Water....23

BIRKLE, ROSE A. see SCHAEFFER, R. W....353

BOICE, CAROL see BOICE, R....267

BOICE R., HARMON, R. and BOICE, CAROL. Handling or Mechanical Removal as Alternatives in an E-Maze....267

BOSHKA, S. C. and WEISMAN, H. M. Apparatus Note: On the Preparation of Glass Drinking Tubes for Measurement of Consumed Volume in Animal Research....249

BOUSFIELD, W. A. see ABRAMCZYK, R. R....183

BRAUD, W. Mannheim's Critique of Behaviorism....251

BROWNSTEIN, A. J. see GREENSPOON, J....401

BUCKLEW, J. Prediction of Psychiatric Symptoms from Case History Information....1

BURCHARD, J. D. Systematic Socialization: A Programmed Environment for the Habilitation of Antisocial Retardates....461

BURNSTEIN, D. D., WOLFF, P. C. and DALEY, M. F. Concurrent Schedules of Reinforcement in the Guinea Pig....379

CARDNO, J. A. Imagination: Some Early American Approaches Evaluated....65

CLOAR, F. T. see Melvin, K. B....235

COTTON, J. W. see SCHROTH, S. E....387

CRAIG, R. J. and JENSEN, G. D. The Within-Day Decrement in Continuously Reinforced Groups May Not Be a Pellet-Satiation Effect....417

DALEY, M. F. see BURNSTEIN, D. D....379

DAMKOT, D. K. Effects of Amphetamine Sulfate on Activity Level of Green Sunfish....509

DILLOW, P. V. see HURWITZ, H. M. B....517

DOTY, BARBARA A., NEUMAN, MARY C. and PRUCHA, CATHERINE. Relative Effectiveness of Verbal, Manipulative and Visual Rewards on Children's Learning....29

CONTENTS OF VOLUME 17

ARTICLES

ABRAMCZYK, R. R. and BOUSFIELD, W. A. Sequential Ordering in Repeated Free Recall as a Function of Interitem Associative Strength....183

ACKER, MARY and McREYNOLDS, P. The "Need for Novelty": A Comparison of Six Instruments....177

ATKINSON, KIM W. see PILLARD, R. C....35

BARBERIO, R. The Relationship Between Achievement Motivation and Ethnicity in Anglo-American and Mexican-American Junior High School Students....263

BARLOW, J. A. Note: Student Cheating in Studying Programed Material....515

BAUMEISTER, A. A., DUGAS, JEANNE and ERDBERG, P. Effects of Warning Signal Intensity, Reaction Signal Intensity, Preparatory Interval and Temporal Uncertainty on Reaction Times of Mental Defectives....503

BELL, R. A. see BEVAN, W....23

BEVAN, W., BELL, R. A. and LANKFORD, H. G. The Residual Effect of Shock upon Bar Pressing for Water....23

BIRKLE, ROSE A. see SCHAEFFER, R. W....353

BOICE, CAROL see BOICE, R....267

BOICE R., HARMON, R. and BOICE, CAROL. Handling or Mechanical Removal as Alternatives in an E-Maze....267

BOSHKA, S. C. and WEISMAN, H. M. Apparatus Note: On the Preparation of Glass Drinking Tubes for Measurement of Consumed Volume in Animal Research....249

BOUSFIELD, W. A. see ABRAMCZYK, R. R....183

BRAUD, W. Mannheim's Critique of Behaviorism....251

BROWNSTEIN, A. J. see GREENSPOON, J....401

BUCKLEW, J. Prediction of Psychiatric Symptoms from Case History Information....1

BURCHARD, J. D. Systematic Socialization: A Programmed Environment for the Habilitation of Antisocial Retardates....461

BURNSTEIN, D. D., WOLFF, P. C. and DALEY, M. F. Concurrent Schedules of Reinforcement in the Guinea Pig....379

CARDNO, J. A. Imagination: Some Early American Approaches Evaluated....65

CLOAR, F. T. see Melvin, K. B....235

COTTON, J. W. see SCHROTH, S. E....387

CRAIG, R. J. and JENSEN, G. D. The Within-Day Decrement in Continuously Reinforced Groups May Not Be a Pellet-Satiation Effect....417

DALEY, M. F. see BURNSTEIN, D. D....379

DAMKOT, D. K. Effects of Amphetamine Sulfate on Activity Level of Green Sunfish....509

DILLOW, P. V. see HURWITZ, H. M. B....517

DOTY, BARBARA A., NEUMAN, MARY C. and PRUCHA, CATHERINE. Relative Effectiveness of Verbal, Manipulative and Visual Rewards on Children's Learning....29

DRAPER, DIANNE C. and KLEMM, W. R. Behavioral Responses Associated with Animal Hypnosis 13
DUGAS, JEANNE see BAUMEISTER, A. A. 503
EIMAS, P. D. Overtraining and Reversal Discrimination Learning in Rats 239
ELLIOTT, R. A Case of Inhibition of Micturition: Unsystematic Desensitization 525
ERDBERG, P. see BAUMEISTER, A. A. 503
FAGOT, BEVERLY I. see PATTERSON, G. R. 369
FERGUSON, L. W. Quantifying the Family-Life Cycle 219
FERSTER, C. B. Perspectives in Psychology: XXV. Transition from Animal Laboratory to Clinic 145
FERSTER, C. B. Arbitrary and Natural Reinforcement 341
FISHER, S. see PILLARD, R. C. 35
GATZ, MARGARET J. see RICE, H. K. 449
GIBSON, D. A. Stimulus Control of Avoidance of a High Fixed-Ratio Schedule of Positive Reinforcement 271
GREENSPOON, J. and BROWNSTEIN, A. J. Psychotherapy from the Standpoint of a Behaviorist 401
HAHN, HELEN L. see KLINGHAMMER, E. 193
HARMON, R. see BOICE, R. 267
HARPER, R. B. see KING, D. J. 531
HARRISON, SYLVIA see LANDIS, D. 77
HUNT, E. L. see SCHAEFFER, R. W. 359
HURWITZ, H. M. B. and DILLOW, P. V. Avoidance and Response Duration as a Function of the Length of the Warning Period 517
JENSEN, G. D. see CRAIG, R. J. 417
KAMANO, D. K., POWELL, BARBARA J., MARTIN, L. K. and OGLE, M. E. Amobarbital Effects on Extinction and Sontaneous Recovery of Active Avoidance 97
KIMELDORF, D. J. see SCHAFFER, R. W. 359
KING, D. J. and HARPER, R. B. Scaling the Accuracy of Recalls of Stories under Restricted Conditions of Judgment 537
KIRK, W. E. and THOMPSON, R. W. Effects of Light, Shock, and Goal Box Conditions on Runway Performance of the Earthworm, *Lumbricus terrestris* 49
KLEMM, W. R. see DRAPER, DIANNE C. 13
KLEMME, MARY E. see THETFORD, P. E. 201
KLINGHAMMER, E. and HAHN, HELEN L. Handraising Ring Doves (*Streptopelia risoria*) for Experimental Purposes 193
LANDIS, D. and HARRISON, SYLVIA Effect of Amount of Scanning from Memory on Phenomenal Size of Objects 77
LANE, ELLEN A. The Intelligence of Spouses of Schizophrenics 477
LANKFORD, H. G. see BEVAN, W. 23
LARSON, C. see ROBERTS, C. L. 425
LESTER, D. Sex Differences in Exploration: Toward a Theory of Exploration 55
LESTER, D. Sex Differences in Exploration of a Familiar Locale 63
LEVITT, E. E. see TAYLOR, R. L. 349

LICHTENSTEIN, P. E. Psychological Systems: Their Nature and Function.....321
McDANIEL, MARTHA W. see RICE, H. K.....449
McREYNOLDS, P. see ACKER, MARY.....177
McREYNOLDS, P. On Alternative Models of Hypnosis: An Integration and Some New Proposals.....167
MARTIN, L. K. see KAMANO, D. K.....97
MASSINGILL, LUCINDA S. see MELVIN, K. B.....235
MELVIN, K. B., CLOAR, F. T. and MASSINGILL, LUCINDA S. Imprinting of Bobwhite Quail to a Hawk.....235
MILLENSON, J. R. An Isomorphism between Stimulus-Response Notation and Information Processing Flow Diagrams.....305
MURCH, G. M. Temporal Gradients of Responses to Subliminal Stimuli.....483
MURRAY, F. S. A Preliminary Investigation of Anonymous Nuisance Telephone Calls to Females.....395
NATSOULAS, T. On the Perception of Cutaneous Figures.....43
NEHER, A. Probability Pyramiding, Research Error and the Need for Independent Replication.....257
NEUMAN, MARY C. see DOTY, BARBARA A.....29
OGLE, M. E. see KAMANO, D. K.....97
PATTERSON, G. R. and FAGOT, BEVERLY I. Selective Responsiveness to Social Reinforcers and Deviant Behavior in Children.....369
PILLARD, R. C., ATKINSON, KIM W. and FISHER S. The Effect of Different Preparations on Film-Induced Anxiety.....35
POWELL, BARBARA J. see KAMANO, D. K.....97
POWELL, R. W. The Pulse-to-Cycle Fraction as a Determinant of Critical Flicker Fusion in the Pigeon.....151
PRATT, S. see TOOLEY, J. T.....209
PRUCHA, CATHERINE see DOTY, BARBARA A.....29
RATNER, S. C. see RICE, F. E.....493
REYNIERSE, J. H. and WALSH., G. L. Behavior Modification in the Protozoan *Stentor* Re-examined.....161
RICE, F. E. and RATNER, S. C. Toward a Description of Language Behavior: II. The Listening Action.....493
RICE, H. K., McDONALD, MARTHA W., STALLINGS, VIRGINIA D. and GATZ, MARGARET J. Operant Behavior in Vegetative Patients II....449
RIMM, D. C. The Effect of Interpolated Stimulation on Short-Term Memory for Tones.....429
ROBERTS, C. L. and LARSON, C. Shock History and Adaptation as Parameters of Elicited Aggression in Rats.....425
ROBERTSON, M. Situational Variables in Adaptation to Isolation-Induced Stress.....91
RYAN, F. J. see SCHAEFFER, R. W.....353
SALZBERG, C. L. see SCHAEFFER, R. W.....353
SCHAEFFER, R. W., SALZBERG, C. L., BIRKLE, ROSE A. and RYAN, F. J. Resistance to Extinction as a Function of Reinforcement Patterns.....353
SCHAEFFER, R. W., HUNT, E. L. and KIMELDORF, D. J. Application of Premack's Theory to a Classically Conditioned Sucrose Aversion Induced by X-Ray Exposure.....359

SCHAUB, R. E. Analyses of Interresponse Times with Small Class Intervals..... 81
SCHROTH, S. E. and COTTON, J. W. Running Speed in a Straight Alley as a Function of Number of Reinforcements.....387
STALLINGS, VIRGINIA D. see RICE, H. K.....449
TAYLOR, R. L. and LEVITT, E. E. Category Breadth and the Search for Variety of Experience.....349
THETFORD, P. E. and KLEMME, MARY E. Arousal and Necker Cube Reversals 201
THOMPSON, R. W. see KIRK, W. E.....49
TOOLEY, J. T. and PRATT, S. An Experimental Procedure for the Extinction of Smoking Behavior.....209
ULRICH, R. Behavior Control and Public Concern.....229
WALSH, G. L. see REYNIERSE, J. H.....161
WEISMAN, H. M. see BOSHKA, S. C.....249
WOLFF, P. C. see BURNSTEIN, D. D.....379

BOOK REVIEWS

ALTMAN, J. *Organic Foundation of Animal Behavior.* (W. Mink).....118
ANGYAL, A. *Neurosis and Treatment.* (M. Robertson).....115
ARDREY, R. *The Territorial Imperative.* (J. Ellefson).....437
BEIER, E. G. *The Silent Language of Psychotherapy.* (R. Lundin).....571
BERKOWITZ, L. (Ed.) *Advances in Experimental Social Psychology,* Vol. 2. (C. Leuba) 129
BETTALHEIM, B. *The Empty Fortress: Infantile Autism and the Birth of Self.* (N. H. Pronko) 552
BINDRA, D., STEWART, J. (Eds.) *Motivation.* (C. Leuba).....514
BIRCH, D., & VERHOFF, J. *Motivation: A Study of Action.* (C. Leuba).....291
BRAIN, R. *Some Reflections on Genius.* (P. Lichtenstein).....108
BRECHER, R., & BRECHER, E. (Eds.) *An Analysis of Human Sexual Response.* (C. Leuba).....290
BRELAND, K., & BRELAND, M. *Animal Behavior.* (C. Leuba).....117
BRUNER, J. S., OLVER, R. R., GREENFIELD, P. M. et. al. *Studies in Cognitive Growth.* (C. Leuba).....283
BYRNE, D. *An Introduction to Personality.* (C. Leuba).....281
BYRNE, D., & HAMILTON, M. L. (Eds.) *Personality Research.* (C. Leuba)....281
CAMPBELL, D. P. *The Results of Counseling: Twenty-five years Later.* (W. Mink) 116
CARTERETTE, E. C. (Ed.) *Brain Function,* Vol. III. (C. Leuba).....545
COSTELLO, C. G. *Psychology for Psychiatrists.* (N. H. Pronko).....131
CRAFT, M. (Ed.) *Psychopathic Disorders.* (R. Lundin).....442
CRAFT, M. (Ed.) *Psychopathic Disorders.* (R. Craddick).....564
CREELMAN, M. *The Experimental Analysis of Meaning.* (D. Landis).....120
DAVIS, M. *Sexual Responsibility in Marriage.* (C. Leuba).....290
DEUTSCH, J. A., & DEUTSCH, D. *Physiological Psychology.* (D. Draper).....121
DE VOS, G., & WAGATUMA, H. *Japan's Invisible Race.* (N. H. Pronko).....560

EHRENWALD, J. *Psychotherapy: Myth and Method.* (R. Lundin) 569
EISSLER, R. S., FREUD, A., HARTMANN, H., & KRIS, M. (Eds.) *The Psychoanalytic Study of the Child,* Vol. XXI. (N. H. Pronko) 565
EPSTEIN, W. *Varieties of Perceptual Learning.* (R. Slivka) 561
ERON, L. D. (Ed. *The Classification of Behavior Disorders.* (J. Bucklew) 539
EVANS, C. R., & ROBERTSON, A. D. (Eds.) *Brain Physiology and Psychology.* (D. Draper) 541
EYSENCK, H. J., & RACHMAN, S. *The Causes and Cures of Neurosis.* (R. Lundin) 547
FEIBLEMAN, J. K. *The Two-Story World.* (N. H. Pronko) 550
FITTS, W. H. *The Experience of Psychotherapy.* (W. Mink) 116
FREUD, S., & BULLITT, W. C. *Thomas Woodrow Wilson.* (N. H. Pronko) 556
GALTON, F. *Hereditary Genius.* (P. Lichtenstein) 108
GELEEND, E. R. (Ed.) *The Child Analyst at Work.* (N. H. Pronko) 565
GEMANT, A. *The Nature of the Genius.* (P. Lichtenstein) 108
GIBSON, J. J. *The Senses Considered as Perceptual Systems.* (S. Bartley) 103
GORDON, G. *Role Theory and Illness.* (R. Lundin) 567
GORDON, J. E. (Ed.) *Handbook of Clinical and Experimental Hypnosis.* (C. Leuba) 543
GOSHEN, C. E. *Documentary History of Psychiatry.* (N. H. Pronko) 568
GROUP FOR THE ADVANCEMENT OF PSYCHIATRY. Report No. 62. *Psychopathological Disorders in Childhood.* (J. Morris) 288
GROUP FOR THE ADVANCEMENT OF PSYCHIATRY. Report No. 60 *Sex and the College Student.* (C. Leuba) 287
HELSON, H., & BEVAN, W. *Contemporary Approaches to Psychology.* (J. R. Kantor) 554
HILGARD, E. R., & BOWER, G. H. *Theories of Learning.* (3rd ed.) (D. Draper) 285
HOLLAND, N. N. *Psychoanalysis and Shakespeare.* (N. H. Pronko) 566
HORST, P. *Factor Analysis of Data Matrices.* (D. Landis) 562
IDFELD, F., Jr., & LAUER, R. *Social Nudism in America.* (C. Leuba) 290
INGLIS, J. *The Scientific Study of Abnormal Behavior.* (C. Leuba) 555
JACOBS, P., MAIER, M., & STOULUROW, L. *A Guide to Evaluating Self-Instructional Programs.* (C. Leuba) 280
KENISTON, K. *The Uncommitted.* (P. Mountjoy) 113
KESSLER, J. W. *Psychopathology of Childhood.* (J. Morris) 548
KIMBLE, G. A. (Ed.) *Foundations of Conditioning and Learning.* (C. Leuba) 559
KRASNER, L., & ULLMANN, L. (Eds.) *Research in Bahavior Modification.* (J. Grossberg) 111
KUZNETSOV, A. *Babi Yar.* (N. H. Pronko) 551
LAING, R. D., PHILLIPSON, H., & LEE, A. R. *Interpersonal Perception.* (C. Leuba) 281
LANDAUER, T. K. (Ed.) *Readings in Physiology Psychology.* (W. Mink) 566
LAWSON, C. A. *Brain Mechanisms and Human Learning.* (D. Draper) 566
LENNEBERG, E. H. *Biological Foundation of Language.* (J. R. Kantor) 549

LEVI-STRAUSS, C. *The Savage Mind.* (N. H. Pronko) 567
LOCKE, S. *Neurology.* (D. Draper) 567
LORENZ, K. *On Aggression.* (R. Haubrich) 114
LORR, M. (Ed.) *Explorations in Typing Psychotics.* (J. Bucklew) 539
LOW, A. A. *Lectures to Relatives of Former Patients.* (N. H. Pronko) 568
LURIA, A. R. *Human Brain and Psychological Processes.* (J. R. Kantor) 127
McGUIGAN, F. J. *Thinking: Studies of Covert Language Processes.* (N. H. Pronko) 442
MAHER, B. A. *Principles of Psychopathology.* (W. Mink) 279
MANHEIM, L., & MANHEIM, E. (Eds.) *Hidden Patterns.* (N. H. Pronko) 283
MARLER, P. R., & HAMILTON, W. J., III. *Mechanism of Animal Behavior.* (W. Mink) 550
MASSERMAN, J. H. (Ed.) *Science and Psychoanalysis. Vol XI: The Ego.* (N. H. Pronko) 569
MASTERS, W. H., & JOHNSON, V. E. *Human Sexual Response.* (N. H. Pronko) 126
MERIN, J. H. (Ed.) *The Etiology of the Neuroses.* (N. H. Pronko) 132
MERSKEY, H., & TONGE, W. L. *Psychiatric Illness.* (W. Mink) 440
MEYER, B. C. *Joseph Conrad.* (N. H. Pronko) 571
MILLENSON, J. R. *Principles of Bahavioral Analysis.* (R. Lundin) 561
MILLER, G. A. *The Psychology of Communication.* (N. H. Pronko) 568
MISIAK, H., & SEXTON, V. S. *History of Psychology.* (P. Mountjoy) 557
MULLEN, H., & SANGIULIANO, I. *Alcoholism.* (R. Lundin) 555
NEAL, J. H. *Jungle Magic.* (N. H. Pronko) 440
OFFER, D., & SABSHIN, M. *Normality.* (R. Craddick) 123
OPLER, M. K. *Culture and Social Psychiatry.* (N. H. Pronko) 571
OPPENHEIM, A. N. *Questionnaire Design and Attitude Measurement.* (L. Aiken, Jr.) 288
PAGE, J. D. (Ed.) *Approaches to Psychopathology.* (R. Lundin) 570
PASAMANICK, B., SCARPITTI, F. R., & DINITZ, S. *Schizophrenics in the Community.* (D. Thorp) 542
PERRY, S. E. *The Human Nature of Science.* (N. H. Pronko) 125
PERRY, S. E. *The Human Nature of Science.* (P. Mountjoy) 442
PFUNGST, O. *Clever Hans: the Horse of Mr. von Osten.* (P. Mountjoy) 544
RAY, W. S. *The Experimental Psychology of Original Thinking.* (C. Leuba) 286
ROSENTHAL, R. *Experimenter Effects in Behavioral Research.* (P. Mountjoy) 544
ROYCE, J. R., VON BERTALANFFY, L., HACKER, F. J., HAYAKAWA, S. I., & RAPAPORT, A. *Psychology and the Symbol.* (P. Mountjoy) 441
RUCH, T. C., PATTON, H. D., WOODBURY, J. W., & TOWE, A. L. *Neurophysiology.* (2nd ed.) (D. Draper) 567
RUITENBEEK, H. M. (Ed.) *Psychoanalysis and Female Sexuality* (N. H. Pronko) 132
RUITENBEEK, H. M. (Ed.) *Psychoanalysis and Male Sexuality.* (N. H. Pronko) 132
SATIR, V. *Conjoint Family Threapy.* (D. Thorp) 570

SAYRE, K. M., & CROSSON, F. J. (Eds.) *The Modeling of Mind.* (N. H. Pronko)
SCHEFF, T. J. *Being Mentally Ill.* (J. Bucklew) 122
SCHRODER, H. M., DRIVER, J. J., & STREUFERT, S. *Human Information Processing.* (J. Davison) 546
SIDOWSKI, J. B. (Ed.) *Experimental Methods and Instrumentation in Psychology.* (H. Rice) 122
SILBERSTANG, E. *Nightmare of the Dark.* (N. H. Pronko) 551
SINGH, J. *Great Ideas in Information Theory, Language and Cybernetics.* (J. R. Kantor) 537
SMITH, F., & MILLER, G. A. (Eds.) *The Genesis of Language.* (J. R. Kantor) 542
SPIELBERGER, C. D. (Ed.) *Anxiety and Behavior.* (P. McReynolds) 128
STEPHENSON, W. *The Play Theory of Mass Communication.* (P. Swartz) 538
STERNBACH, R. A. *Principles of Psychophysiology.* (D. Draper) 124
STEVENS, C. F. *Neurophysiology.* (D. Draper) 282
STOLZ, L. M. *Influences on Parent Behavior.* (N. H. Pronko) 568
STRANGE, J. R., & FOSTER, R. (Eds.) *Readings in Physiological Psychology.* (D. Draper) 541
ULLMANN, L., & KRASNER, L. (Eds.) *Case Studies in Behavior Modification.* (J. Grossberg) 111
ULRICH, R., STACHNIK, T., & MABRY, J. *Control of Human Behavior.* (N. H. Pronko) 280
VAN DEN BERG, J. H. *The Psychology of the Sick Bed.* (C. Leuba) 570
VEITH, I. *Hysteria.* (N. H. Pronko) 441
VERHAVE, T. (Ed.) *The Experimental Analysis of Behavior.* (C. Leuba) 131
VON FIEANDT, K. *The World of Perception.* (L. Aiken, Jr.) 289
VOTAVA, Z., HORVATH, M., & VINAR, O. (Eds.) *Psychopharmacological Methods.* (D. Draper) 285
WARNER, S. J. *Self-Realization and Self-Defeat.* (N. H. Pronko) 131
WECHSBERG, J. (Ed.) *The Murderers Among Us.* (N. H. Pronko) 551
WENDT, H. *The Sex Life of the Animals.* (P. Mountjoy) 441
WOLSTEIN, B. *Theory of Psychoanalytic Therapy.* (N. H. Pronko) 569
WOODBURNE, L. S. *The Neural Basis of Behavior.* (W. Mink) 565
WYSS, D. *Depth Psychology.* (N. H. Pronko) 112

122
546
122
551
537
542
128
538
124
282
568
541
111
280
570
141
131
289
285
131
551
141
569
565
112